

Industrial Facilities (Non-Military)

Basic Imagery Interpretation Brief

Chi-hsi Thermal Power Plant

Chi-ning, China

**Declassification Review NIMA/DoD** 

DECLASS REVIEW by NIMA/DOD

25X1A

Handle via Talent - Keyhole Channels Only

**Top Secret** 

BCS TCS DATE 13/0123/69 5640/69 MARCH 1969

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

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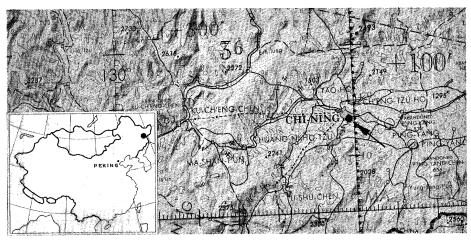
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Chi-hsi Thermal	Power Plant		25X1A		СН		
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52TFF540157 45-16-58N 130-58-22E						0283-29-B	
MAP REFERENCE							
67th RTS. USATC Series 200, Sheet 0283-20HL, 2nd edition, Mar 64, Scale 1:200,000 (SECRET)							
LATEST IMAGERY USE	D	NEGATION DATE (If required)					
		Not Re	equired				

# INTRODUCTION

The plant is located near the center of Chi-ning (Chi-hsi), China.



BASIC DESCRIPTION

The plant is road and rail served. No security measures could be identified on the poor-quality imagery available.

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Construction has taken place at this plant since of the latest imagery utilized in the referenced report. On imagery, the area east of the original boilerhouse and generator hall appeared to have been cleared, two natural-draft cooling towers had been constructed and another appeared to be under construction. The latter was not complete by Construction of an addition to the eastern boilerhouse section and generator hall began after and was still in progress in

The switching yard is located at the southwest corner of the plant and appears to encompass two sections, probably for separate voltages. The switching equipment in the eastern section appears to be enclosed whereas switching in the western section is in the open. The number of circuits from the generator hall and the number of transformers could not be determined.

Plant operation as indicated by smoke or vapor emanating from the plant facilities was observed as follows:

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Approved For Release 2**何的的级区尺程本-R的持行**9T00909A000100010021e9ntrol System Only

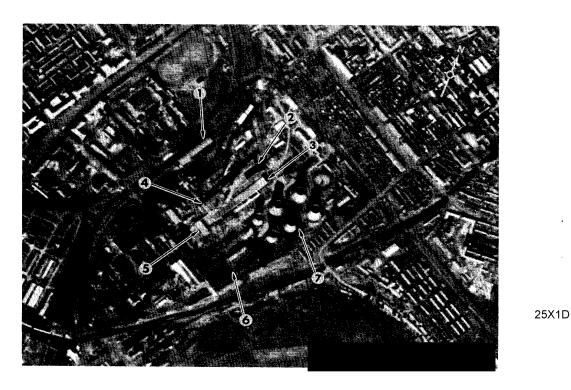
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- Heavy smoke was observed at one roof stack and light smoke at the other. Moderate smoke was emanating from the masonry stack. No vapor was observed at the cooling towers.
- Moderate smoke was emanating from the masonry stack and heavy smoke from at least one roof stack. Moderate vapor was observed at two cooling towers (one in the center and one of the two southernmost).
- Heavy smoke was emanating from the masonry stack. Heavy vapor was observed at the towers which were operating on 25X1D
- Moderate smoke was emanating from one roof stack and the masonry stack. No vapor was evident at the cooling towers.



Key to Annotations

Item No.	Description	Dimensions (ft)*	Remarks
 	Coal off-loading facility Eastern boiler section		
۷	Eastern botter section	295 × 100	Served by masonry stack
3	Generator hall	$350 \times 100, 230 \times 75$	i
4	Western boiler section	205 × 75	Served by two roof stacks
5	Possible control house		
6	Switching yard		
7	Natural-draft cooling towers		6 complete, I under construction

<sup>\*</sup>The dimensions are considered approximate.

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#### REFERENCES



## Maps

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67th RTS. US Air Target Chart, Series 200, Sheet 0283-20HL, 2nd edition, March 1964, Scale I:200,000 (SECRET)

ACIC. USAF Operational Navigation Chart, Sheet F-9, 1st edition, August 1966, Scale 1:1,000,000 (UNCLASSIFIED)

## Documents

CIA. PIR 65109, Chinese Power Plants, Heilungkiang Province, April 1966, TCS 2138/66 (TOP SECRET RUFF)

# Requirement

EXSUBCOM - BR-N/002-69

**Top Secret**